

# **Introduction to the Master Program Space Engineering (SpE) I & II**

Summer Semester 2020

## Master of Science Space Engineering

- **MScSpE I** (3 semesters, 90 CP)
- **MScSpE II** (4 semesters, 120 CP)
- is shown on your enrollment certificate
- please check if this information, as well as the spelling of your name or other personell data on this certificate is correct.
- ... what is the difference?

# Structure of the Master Program



Semester	Study Phases		
2-3 (SpE I) 1-3 (SpE II)	<b>Only for SpE II:</b> Foundations in Space Engineering According to the module guide „Modulhandbuch“	Specialization in Space Engineering according to the „Modulhandbuch“	Elective Modules
	30 CP	36 CP	12 CP
4 (MScPT I + II)	12 CP Master project		
	30 CP Master thesis		

# General Information

- Lecture courses
- Studip
- Pabo/Flex Now
- Examination regulations
- Miscellaneous

Info for ▼

Quicklinks ^



## Studies



Academy of Continuing Education

AStA

Student Funding

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Examination Office/PABO

Re-registration & Semester Contribution

Student Office

Semester Dates

Stud.IP

Study Programs

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Course Catalogue



You can find the course catalogue on the university webpage at the Quicklinks or at

<https://www.uni-bremen.de/en/studies/starting-your-studies/course-catalog.html>

Wintersemester 2019/2020 ▼

Auswählen

Semesterbeginn: 01. Oktober 2019

Semesterende: 31. März 2020

Vorlesungsbeginn: 14. Oktober 2019

Vorlesungsende: 02. Februar 2020

Orientierungswoche: 08.10.18 - 12.10.18

Veranstaltungsfrei: 23.12.2019 - 04.01.2020

# Lecture Courses



## Fachbereich 04: Produktionstechnik -Maschinenbau & Verfahrenstechnik-

[Berufliche Bildung, B.Sc. \(43\)](#)  
[Produktionstechnik-Maschinenbau & Verfahrenstechnik, B.Sc. \(79\)](#)  
[Produktionstechnik-Maschinenbau & Verfahrenstechnik, M.Sc. \(149\)](#)  
[Prozessorientierte Materialforschung, M.Sc. \(300\)](#)  
[Space Engineering, M.Sc. \(23\)](#)   
[Systems Engineering, B.Sc \(86\)](#)  
[Systems Engineering, M.Sc. \(335\)](#)  
[Wirtschaftsingenieurwesen Produktionstechnik, B.Sc. \(55\)](#)  
[Wirtschaftsingenieurwesen Produktionstechnik, M.Sc. \(52\)](#)

Here you will find all lectures of Space Engineering and information such as course number, lecture room, dates and lecturer

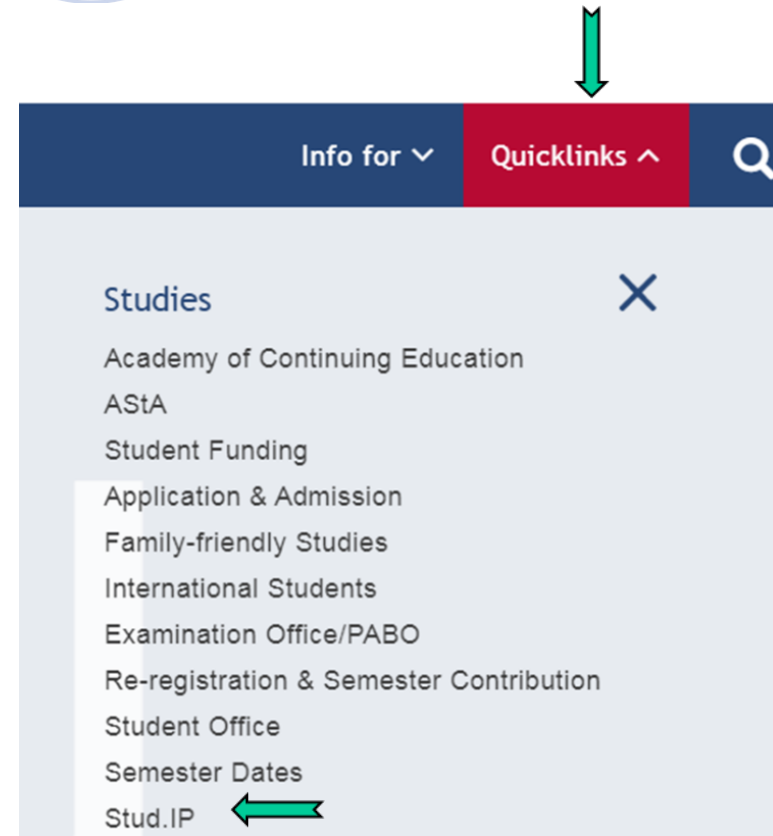
## Foundations

For MSc. Space Engineering II students only, 30 CP

Course number	Title of event	Lecturer
01-01-03-AtPhy-V	Atmospheric Physics (in English)  Lecture (Teaching) ECTS: 6  Dates: weekly (starts in week: 1) Mon. 08:00 - 10:00 NW1 S1360 (2 Credit hours) Vorlesung	John Philip Burrows



- Stud.IP is the electronic course management system at the University of Bremen.
- You can find it on the university homepage **Quicklinks (not available right now)** or directly at <https://elearning.uni-bremen.de>
- Here you can compile your studyplan and will find current information to the courses of the Master program SpE such as skripts, sheets etc....



**STUD.IP<sup>9</sup>** Universität Bremen

Start

Start page

Jump marks

- Quicklinks
- My current dates

Actions

- + Add widgets
- ✓ Restore default

Quicklinks

- My courses  
Add a course / Create study group
- Messages  
Mail inbox / Sent
- My profile  
Settings / MyPhotos / Appointments / Lernduell / Gradebook
- My planner  
Date calendar / Timetable
- Search  
User search / Course search
- Tools  
Announcements / Surveys and tests / Evaluations / References / Learning modules / Export

Bulletin Board

... or use it for  
networking.

**STUD.IP<sup>9</sup>** Universität Bremen

Community

Blubber Who is online? Contacts Study gro

**Global Blubber stream**

Global stream

Create new stream



# How to log-in to Stud.IP



When you register at the University, you receive online access with which you can install your [Uni-Account](#) and your email address.

Use your user data to login to Stud.IP. The user name is your email without @uni-bremen

Please note that you are required to regularly check the inbox of this e-mail address.

It is recommended to set up automatic forwarding of this email address to your primary email address.

Welcome!

Username:

Password:

☒ Login

[Forgotten password](#)

## Search for courses

**Views**  
All  
Teaching  
Research  
Organization  
Community  
Working group  
Study groups

**Search options**  
☐ Display extended search

**Actions**  
☒ Download result

**Arrange search results:**

Search string

Search in

Semester

1 courses found (search results), grouping: Semester

**SoSe 2019**  
Lecture: Orbital Systems  
04-M30-CP-SUB-1  
Mon.. 14:00 - 15:30 (weekly)

At the beginning of each semester you can add the courses you wish to attend.

1. Search
2. Choose
3. Go to course

### Lecture: Orbital Systems - Details

**Actions**

#### General information

Subtitle	ehemals Orbitalsysteme; ORT: DLR
Course number	04-M30-CP-SUB-1
Semester	SoSe 2019
Current number of participants	8
Home institute	M.Sc. Space Engineering
Courses type	Lecture in category Teaching
Next date	Mon , 01.04.2019 14:00 - 15:30
Type/Form	
Englischsprachige Veranstaltung	Ja
ECTS points	3

#### Lecturers

Dr. Peter Rickmers , Dr. Waldemar Bauer

#### Course location / Course dates

unspecified

STUD IP<sup>®</sup> Universität Bremen

Home Courses Messages People Calendar Search Tools Groups

My courses My institutes

### My courses

WiSe 2019/2020

Current courses  
Archived courses

Semesterfilter  
WiSe 2019/2020

Name
▼ Miscellaneous (Teaching)
Bachelor Produktionstechnik (SoSe 2015 - unlimited)
Bachelor Wirtschaftsingenieurwesen Produktionstechnik (WiSe 2011/12 - unlimited)
Master Produktionstechnik (WiSe 2011/12 - unlimited)
Master Space Engineering (SoSe 2017 - unlimited)

Information icons for each course: Bachelor Produktionstechnik (SoSe 2015 - unlimited), Bachelor Wirtschaftsingenieurwesen Produktionstechnik (WiSe 2011/12 - unlimited), Master Produktionstechnik (WiSe 2011/12 - unlimited), Master Space Engineering (SoSe 2017 - unlimited).

- After you have been accepted you will find all your courses and to each course the corresponding information.
- New messages or files that have accumulated since your last visit will be displayed.



## My timetable



### Displayed semester

SoSe 2019

### Actions

- New entry
- Change view
- Show hidden courses

### Export

Print view

### Display size

- ☐ small
- ☒ middle
- ☐ large

## My timetable in SoSe 2019

	Monday	Tuesday	Wednesday	Thursday	Friday
08:00			8:00 - 10:00 04-M30-CP-SET-3 Product Assurance and Space Technology (Braxmaier, Große)		
09:00					
10:00			10:00 - 12:00, IW3 0330 04-M30-CP-SFT-2 Mission Design (Drobczyki, Nohka)	10:00 - 12:00, IW3 0200 04-M30-CEM-SFI-1 On Board Data Handling (Dannemann)	10:00 - 12:00 04-M30-CP-SAS-2 Structural Design and Analysis (Rittweiger)
11:00					
12:00					12:00 - 14:00 04-M30-CP-SUB-2 Space Propulsion Systems 1 (Sippel)
13:00					
14:00	14:00 - 15:30 04-M30-CP-SUB-1 Orbital Systems (Rickmers, Bauer)		14:00 - 16:00, IW3 0200 04-M30-CEM-SHD-2 Fluid Handling in Spacecrafts (Dreyer)		14:00 - 16:00 04-M30-CP-SET-1 Space Environment and S/C Qualification (Dittus)
15:00					
16:00					
17:00					
18:00					

Please register also to  
„Miscellaneous: Space Engineering“.  
Here you can find important  
announcements and files e.g. forms  
and examination regulations



## ▼ Miscellaneous (Teaching)

-  Bachelor Produktionstechnik (SoSe 2015 - unlimited)
-  Bachelor Wirtschaftsingenieurwesen Produktionstechnik (WiSe 2015/16 - unlimited)
-  Master Produktionstechnik (WiSe 2011/12 - unlimited)
-  Master Space Engineering (SoSe 2017 - unlimited) 

## Miscellaneous: Master Space Engineering - Files

Overview Administration Forum Participants Files Schedule Informationen References Wiki Learning

## Miscellaneous: Master Space Engineering - Brief information


**Basic details**

**Subtitle**  
Master of Science Space Engineering I/II

**Time / Course location**  
The course times are not decided yet.

**First date**  
The course times are not decided yet.

**Lecturers**  
Prof. Dr. Claus Braxmaier, Prof. Dr. Marc Avila, Prof. Dr.-Ing. Andreas Rittweger, PD Dr.-Ing. Rodion Groll, Dipl.-Inform. Thomas Bruns, Svenja Katharina Schell


**Announcements** 





Studentische Hilfskraft im Zeitraum April - Juli 2019 im Rahmen von max. 40Std/Monat gesucht

**Actions**

New folder  
Add file

**Upload files**



Miscellaneous: Master Space Engineering	
Type	Name
	Allgemeiner Dateiordner
	Ausschreibungen Abschlussarbeiten, Stellen etc.
	Formulare
	Prüfungsordnungen 
	Prüfungstermine - Dates of Exams (please, look in the semester of the co

- More about Studip  
<http://docs.studip.de/help/3.2/en/uhb/Basis/Allgemeines>
- **Please note:** On this platform you only register to get access to the information for the courses or other tools.

**NOT TO REGISTER FOR AN EXAMINATION!**

# How to register for exams



- You have to register online on the web portal **PABO/Flex Now** if you want to participate in an examination
- <http://www.uni-bremen.de/pabo.html>

University Bremen > Central Examination Office for Social Sciences and Humanities (ZPA)

Info for ▾ Quicklinks ▲

Studies X

Academy of Continuing Education

ASTA

Student Funding

Application & Admission

Family-friendly Studies

International Students

Examination Office/PABO ←

## Central Examination Office for Social Sciences and Humanities (ZPA)

The ZPA is responsible for matters surrounding examinations in **Faculties 6 to 12** as well as for all **trainee teachers**, irrespective of the Faculty affiliation.

Depending on the field of study, different administrative offices are responsible for the administration of examinations.

As the first point of contact, please refer to the respective ZPA service point. [↗](#)

For matters surrounding examinations in **Faculties 1 to 5**, please contact the decentralized examination [↗](#) offices in the respective faculties.

You will find answers to the most common questions under "A to Z of Examinations". If you cannot find what you are looking for, please use our contact form.



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Section Offices >

Contact the ZPA >

PABO-Login > ←

Data Sheet Check >

# How to register for exams



- Benutzerkennung: insert your matriculation number (**without the last digit**)
- Kennwort: insert your PIN you have received with your papers.
- In PABO you can check your study courses and see your results of examinations.
- You can also print a mark certificate at any time or rather provide the institutions/firms with a confirmation link

 FlexNow 2

## Login

Benutzerkennung:

Passwort:

Anmelden

## Hinweise zum Einloggen für Studierende

- Benutzerkennung = Matrikelnummer  
Passwort = PIN.
- Von der Matrikelnummer die letzte Ziffer weglassen. Diese ist le

Flyer "[Ihr ZPA informiert...](#)"



# How to register for exams



- For individual actions in the PABO portal (e.g. registering and deregistering for exams) you need a PIN (Personal Identification Number) and TAN (Transaction Number).
- The PIN and TAN are sent to you approximately two months after the beginning of the semester. If you still have not received your PIN and TAN after this period, please contact the examination office (Prüfungsamt) Martina Peters, 218-64994.
- If the documents get lost, you can pick up new PINs and TANs upon presentation of a valid ID card and a certificate of matriculation during consultation hours at the examination office.

Prüfungsamt

Bachelor Berufliche Bildung und Master Space Engineering

Frau Martina Peters

Phone: +49 (0)421-218-64994

[martina.peters@uni-bremen.de](mailto:martina.peters@uni-bremen.de)

Sprechzeiten:

Montag 13.00 Uhr bis 14.00 Uhr

Dienstag 10.00 Uhr bis 11.30 Uhr

- **Registrations** for exams taken in the **winter semester** have to be made **until January 10** at the latest. For exams taken in the summer semester deadline for registration is June 30.

**Please do not register last-minute!**

- Deregistrations can be made until January 31 for the winter semester or June 30 for the summer semester.
- If an examination takes place prior to the respective registration date, the registration has to be made not later than 48 hours before the day of the exam.
- **If you registered for an exam, attendance is mandatory.**

# How to register for exams



- A no show on the examination date will cause a failed in the exam if there is no good reason for the absence.
- Sick certificates from a german MD have to be submitted immediately – within three working days after exam – to the examination office.
- More information can be found on this webpage

<https://www.uni-bremen.de/en/zpa/infos/information-surrounding-examinations/>

# Rescission of examinations

## Antrag auf Rücktritt von Prüfungen im Studiengang Master Produktionstechnik (MPO 2013)

**MSc PT**

Gemäß § 13 Abs. 4 und § 17 des Allgemeinen Teils der Bachelor- und Masterprüfungsordnung der Universität Bremen vom 12.12.2012

An die  
Universität Bremen  
Fachbereich 04/**Geschäftsstelle MA PT**  
Frau Martina Peters  
Badgasteiner Str. 1  
28359 Bremen

Angaben zum Antragsteller / zur Antragstellerin:

Nachname	
Vorname(n)	
Matrikelnr.	
Straße	
PLZ, Ort	
Telefon	
Email	

Ich beantrage den Rücktritt von folgenden Prüfungen:

Modultitel (laut Prüfungsordnung):
Prüfungsdatum:
Modultitel (laut Prüfungsordnung):
Prüfungsdatum:

### ☐ Rücktritt ohne Angabe von Gründen

Der Rücktritt von einer Prüfung, die im Wintersemester stattfindet, ist bis zum 31. Januar, der Rücktritt von einer Prüfung, die im Sommersemester stattfindet, ist bis zum 30. Juni ohne Angabe von Gründen beim Prüfungsamt möglich

### ☐ Versäumnis / Rücktritt

Um ein Versäumnis/Rücktritt geltend machen zu können, muss dieser Antrag **innerhalb von 3 Werktagen nach dem Prüfungstag** in der o. a. Geschäftsstelle eingegangen sein.

Es werden nur vollständig ausgefüllte Anträge mit einer beiliegenden, ärztlichen **Arbeitsunfähigkeitsbescheinigung** bearbeitet.

Ab der vierten Arbeitsunfähigkeitsbescheinigung ist ein amtsärztliches Attest vorzulegen.

An das entsprechende Gesundheitsamt: Die Regelung findet für den/die Kandidat/in Anwendung. Er/Sie bittet daher um amtsärztliche Untersuchung.

Datum

Unterschrift

- **Deregistration of exams have to be made until January 31 (winter term) or June 30 (summer term).** You may deregister either through PABO or at the examination office.
- In order to be able to claim an **absence**, this application must be submitted within 3 business days after the examination day. The sick certificate has to be attached.

- **Application for recognition of study achievements**
- For recognition of study achievements an application has to be submitted at the registrar`s office. Please attach grade certificate/transcript
- In case of recognition of study achievements provided at other universities, please enclose a module description.

## Martina Peters

Phone: +49 (0)421-218-64994

office hours: Monday 1 p.m. to 2 p.m. and

Tuesday 10 a.m. to 11.30 p.m.

# Set of Rules



Studies ▾

Research ▾

Thematic field

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Study programs ▾

Placements

Studying abroad

Projects in studies

Quality management

Service

Together with their support teams, the professors every year, encompassing more than 147 seminars:

Bachelor Production Engineering	Master Production Engineering
Bachelor Engineering and Management - Production Engineering	Master Engineering and Management - Production Engineering
Bachelor Systems Engineering	Master Systems Engineering
Bachelor Vocational Education [...]	Master Teacher Training for Vocational Schools
	Master Space Engineering



Studies ▾

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★ [contact](#)

★ [application](#)

Modules Guide Master Space Engineering (temporary)

[Modulhandbuch\\_MA\\_Space.pdf](#)

General section of the University of Bremen's Master's Examination Regulations

[allgemeine\\_Prüfungsordnung\\_MA.pdf](#)

subject-related section of the Master's Examination Regulations

[Fachspez\\_PO\\_MA\\_Space\\_Engineering\\_I.pdf](#)

[Fachspez\\_PO\\_MA\\_Space\\_Engineering\\_II.pdf](#)

Admission regulations

[Aufnahmeordnung](#)

Informationen zur Durchführung externer Abschlussarbeiten

[Externe Abschlussarbeiten im FB 04](#)

You find the information on the  
webpage of faculty 4

<http://www.fb4.uni-bremen.de>

> Studies > Master Space  
Engineering



- **Dean of studies**

Prof. Dr.-Ing. Maren Petersen

- **Departmental counseling**

Prof. Dr.-Ing. Claus Braxmaier

PD Dr.-Ing. Rodion Groll

- **Office Space Engineering**

Hanna Fokken

- **Examination Office**

Martina Peters

- **Study Centre**

Thomas Bruns



- When you arrive in Bremen you must register as a resident here. This can be done on the campus at <https://www.uni-bremen.de/bsu> (Bremen Services University). At BSU you can also apply to have your residence permit (visa) prolonged.
- If you live outside Bremen you must register at the competent aliens registration office for the district where you live.
- More information about your stay in Germany you find here: <https://www.uni-bremen.de/en/studies/starting-your-studies/formalities/formalities-for-international-students.html>



- [http://www.fb4.uni-bremen.de/studium\\_ma\\_space\\_home\\_e.html](http://www.fb4.uni-bremen.de/studium_ma_space_home_e.html)
  - brief info, structure, regulations, contact for the Master SpE
- <https://www.uni-bremen.de/en/studies/starting-your-studies/course-catalog.html>
  - Study program
- <https://elearning.uni-bremen.de/>
  - Stud.IP – System / documents for lectures, registration for events, etc.
- <https://onlinetools.uni-bremen.de/>
  - E-Mail (access to the web, SPAM filter, forwarding, create an alias)
  - WLAN-access (eduroam)
  - Please note: also „formal“ emails of the University will be sent to the University email adress.“
- <http://antivirus.uni-bremen.de/>
  - free antivirus software („Sophos“)